

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Massoud Kayvanjah

GENERAL INFORMATION:

Name: MarkWest Hydrocarbon, Incorporated.

Address: 72 Maple Street, Langley KY 41645

Date application received: August 12, 1999

SIC/Source description: 1321

EIS #: 021-071-00160

Application log number: 51021/53104

Permit number: V-03-027

APPLICATION TYPE/PERMIT ACTIVITY:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input type="checkbox"/> Conditional major |
| __Administrative | <input checked="" type="checkbox"/> Title V |
| __Minor | <input type="checkbox"/> Synthetic minor |
| __Significant | <input checked="" type="checkbox"/> Operating |
| <input type="checkbox"/> Permit renewal | <input type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

- | | |
|---|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input checked="" type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

- | | | |
|--|---|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input type="checkbox"/> NESHAPS | |
| <input type="checkbox"/> Other | <input type="checkbox"/> Not major modification per 401 KAR 51:017, | |
| <input type="checkbox"/> Netted out of PSD/NSR | 1(23)(b) or 51:052,1(14)(b) | |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	0.3	1.7
SO ₂	0.01	0.01
NO _x	3	10
CO	0.7	7.7
VOC	22	23.5
LEAD		
HAP less than 10 tpy (by CAS)	0.01	0.01

SOURCE PROCESS DESCRIPTION:

Kentucky Hydrocarbon, Inc. produces liquid hydrocarbons from natural gas pipes entering the plant. MarkWest Hydrocarbon Inc. processes all the liquefied hydrocarbons produced by Kentucky Hydrocarbon facilities (EP-01 and EP-02) which are regulated under a separate permit (V-03-026). MarkWest Hydrocarbon owns the processing facilities (EP-03 and EP-04) where water content from compressed gas is removed, and hydrocarbons are cooled for recovery. The liquids are segregated into propane, butane, ethane, pentane, methane, gasoline, and remaining residue gas is sold for natural gas heating process.